

Message

From: Lee, Bessie [Lee.Bessie@epa.gov]
Sent: 10/28/2015 4:30:14 PM
To: Magnuson, Janet [Magnuson.Janet@epa.gov]
Subject: RE: Hopi Drinking Water Infrastructure Call Summary, September 3, 2015

Janet,

I have put your name on the distribution list for the monthly Hopi calls. If you want to be taken off the list, I can do that. There are 3 topics we discuss every month – the Hopi Arsenic Mitigation Project, the Shungopavi grant, and the water and wastewater issues at Upper Moenkopi. Notes from the calls are distributed to everyone on the distribution list.

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Bessie Lee

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Drinking Water Management Section (WTR-3-1)
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From: Magnuson, Janet
Sent: Wednesday, October 28, 2015 6:15 AM
To: Knapp, Michael
Cc: Lee, Bessie
Subject: RE: Hopi Drinking Water Infrastructure Call Summary, September 3, 2015

Thanks Mike.

From: Knapp, Michael
Sent: Tuesday, October 27, 2015 2:03 PM
To: Magnuson, Janet <Magnuson.Janet@epa.gov>
Cc: Lee, Bessie <Lee.Bessie@epa.gov>
Subject: FW: Hopi Drinking Water Infrastructure Call Summary, September 3, 2015

Janet,

Ex. 5 Attorney Work Product (AWP)

Bessie, in case you did not know, Janet is now the attorney for Hopi PWS matters.

Thanks,
Mike

Michael Knapp
Office of Regional Counsel
U.S. Environmental Protection Agency, Region 1
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Boston, Massachusetts 02109
617-918-1053

From: Hamilton, John (IHS/PHX) [mailto:John.Hamilton@ihs.gov]

Sent: Tuesday, October 27, 2015 4:34 PM

To: Albright, David <Albright.David@epa.gov>; Belma Navakuku - Sichomovi Village (sichomovicsa@hopitelecom.net) <sichomovicsa@hopitelecom.net>; Bonnie Secakuku (csasipaulovi@gmail.com) <csasipaulovi@gmail.com>; brad.rea@ihs.gov; Bruce Fredericks <bruce.fredericks12@gmail.com>; Carmelita Coochyumptewa <c.cooch01@yahoo.com>; Carrie Sakeva <csakeva@hopi.nsn.us>; Cedric Kuwaninvaya (csaupper.moenkopi@yahoo.com) <csaupper.moenkopi@yahoo.com>; Chester Carl <CCarl@HTHA.org>; Christine Tawahongva <ctawahongva@gmail.com>; Chuck Villa <kanzawindkaw@yahoo.com>; Clayton Honyumptewa <chonyumptewa@hopi.nsn.us>; Craig Andrews (candrews@hopi.nsn.us) <candrews@hopi.nsn.us>; Cristal Quinn <cristal.a.quinn@hud.gov>; Dennis Rodriguez <dennis.rodriguez@bia.gov>; Eldine Stevens <eldine.stevens@bia.gov>; Elizabeth Wadsworth <servicescoordinator.wadsworth@gmail.com>; Elmer Douma <elmer.douma@bie.edu>; Matson, Eric (IHS/PHX) <Eric.Matson@ihs.gov>; Everett Calnimpewa <ecalnimpewa@hotmail.com>; Gail Poley <gpoley4@yahoo.com>; Garlyn Navakuku <garlyn.navakuku@bie.edu>; GSHonanie@hopi.nsn.us; Herman Honanie <hehonanie@hopi.nsn.us>; Howell, Adam <Howell.Adam@epa.gov>; Ivan Sydney <isfmcv@hopitelecom.net>; Jack Sullivan (jack.sullivan@bia.gov) <jack.sullivan@bia.gov>; Jacquelyn Lamson <jmsumatzkuku@yahoo.com>; Jaylene Adakai Sanchez <jaylene.adakaisanchez@bia.gov>; DeCoteau, Jesse (IHS/PHX) <Jesse.Decoteau@ihs.gov>; John Graves <john.gravesjr@bia.gov>; John Krause <John.Krause@bia.gov>; Joseph Davis <davisjb.davis@aol.com>; Kathlene Sumatzkuku <kasumatzkuku@gmail.com>; Kendrick Mahle (kendrick.mahle@bia.gov) <kendrick.mahle@bia.gov>; Kerry Brough (kbrough@cox.net) <kbrough@cox.net>; Kim Secakuku <secakukukim@yahoo.com>; Knapp, Michael <Knapp.Michael@epa.gov>; Kristin Sieweyumptewa <sieweyumptewa@hotmail.com>; Leroy Sumatzkuku <lsumatz@myway.com>; Leslie Nasingoetewa <lnasingoetewa@hopi.nsn.us>; Li, Corine <Li.Corine@epa.gov>; Lillian Dennis <lidennis@hopi.nsn.us>; Ipuhuyesva@hopi.nsn.us; Lorena Naseyowma <lnaseyowma@frontiernet.net>; Loretta Orona <loretta.orona@az.usda.gov>; Yazzie, Lydell (IHS/PHX) <Lydell.Yazzie@ihs.gov>; Lynette Pollari <pollari@tp-studio.com>; Marlene Walker (marlene.walker@bie.edu) <marlene.walker@bie.edu>; Marvin Naqua-Hyeoma <mnaquahyeoma@yahoo.com>; Mary Navanick <MNavanick@hopi.nsn.us>; Melvin Todacheene <Melvin.Todacheene@bia.gov>; Micah Lomaomvaya (mlomaomvaya@hopi.nsn.us) <mlomaomvaya@hopi.nsn.us>; Michael Janes <michael.janes@ghd.com>; Mike Luecker <mike.luecker@az.usda.gov>; Monte Roessel <charles.roessel@bie.edu>; Patrick Thompson <sipauloviwater@gmail.com>; PERKINS, SUSANNE <Perkins.Susanne@epa.gov>; Phyllis Wittsell <wittsellp@yahoo.com>; Randy Wolff <randy@experiencehopi.com>; Robert Carruth <rlcarr@usgs.gov>; Lorenz, Robert (IHS/PHX) <Robert.Lorenz@ihs.gov>; Robert Mahkewa <mahkewajr@yahoo.com>; Robert Whitehair (robbiewhitehair@gmail.com) <robbiewhitehair@gmail.com>; Ronald Wadsworth <tsivookvasa@yahoo.com>; Sandy Whitehair (swhitehair@songoopavi.org) <swhitehair@songoopavi.org>; Selwyn Sekaquaptewa <swsh2o@yahoo.com>; Sherilyn Honanie (nkootswatewa@yahoo.com) <nkootswatewa@yahoo.com>; Shungopavi Administration <shungopaviinfo@gmail.com>; Silversmith, Marlinda <M.Silversmith@BIE.EDU>; Sonia Adams (soniajadams@yahoo.com) <soniajadams@yahoo.com>; Stanford Lomakema (walpicsa@hopitelecom.net) <walpicsa@hopitelecom.net>; Susan Secakuku <secakuku@hopitelecom.net>; Suzanne Jamison <sznjmsn@gilnet.com>; UMowa@hopi.nsn.us; Upper Moenkopi <upper.moenkopi@yahoo.com>; Vern Mansfield <mansfieldvern@yahoo.com>; Wendell Honanie <Wendell.Honanie@bia.gov>; Yvonne Day <yday@hopi.nsn.us>; Yvonne Hoosava <yhoosava@yahoo.com>

Cc: Lee, Bessie <Lee.Bessie@epa.gov>

Subject: Hopi Drinking Water Infrastructure Call Summary, September 3, 2015

The next call is **Thursday, November 5 at 9:30 a.m.** Hopi Time – please remember daylight savings is not in effect after November 1, 2015. Bessie Lee will forward the call-in information.

Participates included:

Hopi Department of Natural Resources - Clayton Honyumptewa and Micah Lomaomvaya

Sipaulovi – Bonnie Sekakuku
Upper Village of Moenkopi – Governor Lewis
Hopi Water Resources Program – Lionel Puhuyesva
BIA – Eldine Stevens
USDA – Loretta Orona
USGS – Rob Carruth
IHS – Robert Lorenz, Jesse DeCoteau and Lydell Yazzie
USEPA - Bessie Lee and John Hamilton

Hopi Arsenic Mitigation Project (HAMP)

IHS continues to survey the water main route near Upper Sipaulovi/Mishongnovi and the waterline portion of the EPA funded drinking water project at Polacca. They have also requested cultural and biological surveys of this new waterline route at Polacca. After the cultural survey is completed, IHS will work with the village traditional leadership to secure approval of the route and consideration of project impacts on traditional cultural places. An issue that will need consideration by both the village and the Hopi Tribe is ownership and operation of this new waterline. Would it be a part of the HAMP, and operated by HPUA or will the line be considered part of the Polacca water system, operated by the village? This same question may apply to all or part of the new waterline from Shungopavi to the Cultural Center.

In a recent letter, the Hopi Tribal Chairman asked whether IHS could provide funding for the HAMP project to extend drinking water to the proposed Tawa o'ovi development and for IHS funding of waterlines within the development to serve new housing. Connecting the proposed HAMP water system may be significantly more expensive than using the existing well at Tawa o'ovi and IHS would need to determine if there are "IHS eligible houses" in order to provide any project funding. We have been working with the Tawa o'ovi planning team for several years and will continue to coordinate planning of the two projects. Use of EPA project funds to serve this proposed development is not allowable, and EPA was asked to provide an explanation in writing.

EPA was able to secure approximately \$250,000 from completed Drinking Water projects, and will contribute \$120,000 to the Hopi project to improve the water supply from Polacca to the top of First Mesa. The balance of these recovered funds will be used for the water main extension from Shungopavi toward the Cultural Center, although there is insufficient funding at the present time to extend the line all the way to the Cultural Center.

Lionel said the Tribal Council should be considering HAMP issues this fall, and that Hopi WRP is responding to questions and preparing information for the Council's consideration.

IHS provided copies of completed project summaries, MOA's, transfer agreements and final reports to EPA enforcement staff in response to questions from EPA. This was done in concert with the Tribe and in response to the drinking water arsenic issue. EPA is deliberating about the question of water system ownership, considering the Tribe's role in project development and the Villages role in operating water systems among other things. This is a very complex issue that may take some time and effort to resolve. In the mean-time, the Tribe and the HAMP planning team are working diligently to secure funding needed to complete the HAMP and to bring safe drinking water to the villages located at First and Second Mesa. We are encouraged that test well drilling was successful, and that a safe and reliable water source was discovered and developed. The wells are ready to put on line pending securing a power supply and funding availability.

Micah is working with the Tribe's Energy Task Team and would like to be aware of developments on the HAMP and with the Hopi Public Utility Authority, since both are dependent on energy. They would like to dovetail water and energy planning and he plans to discuss this with the Villages. Jesse mentioned that HPUA had been established by the Hopi Tribal Council, and he offered to forward the Tribal Resolution to Micah. The HAMP planning team has been working with the Tribal Council and the Water and Energy Team(s) to identify water related energy needs and alternatives to electrical supply, including using electrical generators, which are not cost effective in the long-term, or getting power for the wells from APS or NTUA.

The Village of Sipaulovi has elections this fall for Village Board positions, and the Village may want a presentation on the status of the HAMP after new Board members are seated. This could be presented by Lionel and IHS engineering staff if requested.

Loretta said USDA Rural Development had received Hopi Tribal annual single audit act audits from 2010 and 2011 and she understands they are working on the 2012 audit. Lionel asked if the Hopi Tribe could submit the PER and related documents, in light of this progress on the audits, for preliminary review by USDA, and Loretta said that would be helpful. Since Bill Bettenberg had been the Tribal lead on the USDA application, is there someone else that will be assigned by the Tribe to assume this role? Lionel said the General Counsel's office is now considering this issue.

Eldine said Interior Department attorneys are reviewing the revised draft MOA for project E90, the proposed planning project to study the feasibility and cost for potential HAMP extensions to the BIA/BIE water systems at Second Mesa Day School, the Hopi Junior/Senior High School and Keams Canyon.

Shungopavi

Water Resources is still trying to get Caldwell Tank to schedule repainting of the elevated water storage tank. Caldwell has been nonresponsive as of late.

The project that would include the Shungopavi waterline extension toward the Cultural Center is ready for Council consideration and we anticipate extending the grant period for two years to allow for planning and construction.

Moenkopi

MDC continues to operate the wastewater plant, and the plant continues to be operating in accordance with permit conditions.

The circulation pump at the RO treatment plant was replaced, is back on line and is being operated daily from 9am to 5pm. The Village water storage tanks are nearly full and the level has been stable. Wells 1 and 2 are being operated at night.

Cedric is working on getting MUA back into operation, although at the present time, there is only one Board member. Governor Lewis said they hope to transition some of the water/sewer operations to MUA by January 1, 2016. He said they're still hoping to implement a rate increase this fall. Bessie asked what would happen if MUA couldn't be resurrected, and the Governor said perhaps the Village would need to directly operate the utility?

The EPA funded project to complete a hydrogeological study and test wells has been approved by EPA and the Hopi Tribe, and work can begin after October 1, 2015. If a planning session to include village and tribal staff, federal agencies and other technical team members has not yet been convened, it would be advisable to arrange it soon.

EPA is accepting proposals until November 13, 2015 from Tribes for drinking water grants. There was some discussion of a project at UVM to include a dedicated waterline from the wells to the water storage tanks, since there's a problem with disinfection (chlorine) flowing directly into the distribution system, rather than into the water tanks.

John Hamilton, PE
EPA Engineering Consultant